

AMSAT Weekly Satellite Report
Issue: WSR-240
Date: 2006-08-28
Sources: amsat-ans-2006-wsr-240.txt

This report is organized into 4 parts.
Part 1 (S1) - operational analog amateur satellites
Part 2 (S2) - operational digital amateur satellites
Part 3 (S3) - non - operational satellites
Part 4 (S4) - proposed satellites

SB SAT @ AMSAT W8ISS ANS-240.S1
WSR 240 Part 1 08/28/2006

AMSAT NEWS SERVICE BULLETIN 240.S1 FROM AMSAT HQ
SILVER SPRING, MD, August 28, 2006
TO ALL RADIO AMATEURS
BID: \$ANS-240.S1

V0-52 HAMSAT
Catalog Number: 28650
Launch Date: May 05,2005

Status: Operational
Current Mode: U/V - Indian Transponder

Proposed frequencies:

Indian Transponder:
Uplink : 435.220 MHz to 435.280 MHz LSB/CW
Downlink: 145.870 MHz to 145.930 MHz USB/CW
Beacon : 145.859330 MHZ CW

Dutch Transponder:
Uplink : 435.225MHz to 435.275MHz LSB/CW
Downlink: 145.875MHz to 145.925MHz USB/CW
Beacon : 145.860MHz 12WPM with CW message

Mode and Antenna Polarization:
V: LHCP
U: RHCP

Official Webpage: <http://www.amsat.in/hamsat.htm>

To know what transponder is switched on please listen for the beacon
that is
active. Each transponder has a different beacon.
[04242006]

=====

A0-51 ECHO
Catalog number: 28375
Launch date: June 29, 2004

Status: Testing
Current Mode(s): FM Repeater - V/S
PBBS - OFF
Digipeater - OFF

Analog voice downlink: 435.300 MHz FM
435.150 MHz FM
2401.200 Mhz FM
Analog voice uplink: 145.880 MHZ FM
145.880 MHZ USB

145.920 MHz FM 67Hz PL tone
1268.700 MHz FM 67Hz PL tone
Digital Downlinks: 435.150 MHz FM, 38k4 Digital, PBP, 1 watt output
2401.200 MHz FM 38k4 bps, AX.25
Digital Uplink: 145.860 MHz FM, 9k6 Digital, Pacsat Broadcast
Protocol

1268.700 mhz FM, 9k6 PBP Digital
Mode and Antenna Polarization:
T: Linear
V: Linear
U: TX A (usually digital) LHCP
TX B (usually analog) RHCP
L: Linear
S: Linear

Broadcast: PECHO-11
BBS: PECHO-12

Mode schedule for July 2006 according to the A0-51 command team:

August 28 to September 3

FM Repeater, V/S

Uplink: 145.920 mhz FM, No PL Tone
Downlink 2401.200 mhz FM

September modes are anticipated to include high power V/U repeater, L/S
re-
peater, and high power V/U 38.4 kbaud!

Official Webpage: <http://www.amsat.org/amsat-new/echo/>
[08282006]

=====
S0-50 SAUDISAT-1C
Catalog number: 27607
Launched: December 20, 2002

Status: Operational.

Uplink: 145.850 MHz (67.0 Hz PL tone) (See below for operating
procedures)
Downlink: 436.795 MHz

Mode and Antenna Polarization:
V: Linear
U: Linear

Official Webpage: <http://saudisat.kacst.edu.sa/index.shtml>
(not up and running currently)

To switch the transmitter on, you need to send a CTCSS tone of 74.4 Hz.
The

order of operation is thus: (allow for Doppler as necessary)

1) Transmit on 145.850 MHz with a tone of 74.4 Hz to arm the 10 minute
timer

on board the spacecraft.

2) Now transmit on 145.850 MHz (FM Voice) using 67.0 Hz to PT the
repeater

on and off within the 10 Minute window.

3) Sending the 74.4 tone again within the 10 minute window will reset
the 10

minute timer.

[04172006]

=====

F0-29 JAS-2

Catalog number: 24278

Launch Date: August 17, 1996

Status: OPERATIONAL

Voice/CW Mode JA

Uplink: 145.90 to 146.00 MHz CW/LSB

Downlink: 435.80 to 435.90 MHz CW/USB

Beacon: 435.795 MHz

Digital Mode JD

Uplink: 145.850 145.870 145.910 MHz FM

Downlink: 435.910 MHz 1200-baud BPSK or 9600-baud FSK

Callsign: 8J1JCS

Digitalker: 435.910 MHz

Mode and Antenna Polarization:

V: RHCP

U: RHCP

unOfficial Webpage: <http://www.amsat.org/amsat/sats/n7hpr/fo29.html>
[11132005]

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A0-27 AMRAD

Catalog number: 22825

Launched: September 26, 1993

Status: Operational

Uplink: 145.850 MHz FM

Downlink: 436.795 MHz FM

Mode and Antenna Polarization:

V: Linear

U: Linear

Official Webpage: <http://www.ao27.org>
[01012006]

=====

A0-7 AMSAT OSCAR 7

Catalog number: 07530

Launch Date: November 15, 1974

Status: Operational depending on amount of Sunlight

Current Reported mode: Mode-A

Uplink: 145.850 to 145.950 MHz CW/USB Mode A

432.125 to 432.175 MHz CW/LSB Mode B

Downlink: 29.400 to 29.500 MHz CW/USB Mode A (1W PEP)

145.975 to 145.925 MHz CW/USB Mode B (8W PEP)

145.975 to 145.925 MHz CW/USB Mode C (2W PEP)

Beacons: 29.502 MHz

145.972 MHz

435.100 MHz

2304.100 MHz

Official Webpage:

http://www.amsat.org/amsat-new/satellites/sat_summary/ao7.php

The A0-7 Logbook and Resource Website:

<http://www.planetemily.com/ao7/>A0-7 users are requested to log their contacts and observations about
A0-7, especially any unexpected mode changes.

A0-07 telemetry software webpage:

http://www.qsl.net/k3tz/files/K3TZ_A0-07_Telemetry_Decoder_0.5.zip

Please keep your power low! For additional information please read the A0-7

Usage Guidelines on the A0-7 Log and Resource Site located at:

<http://www.planetemily.com/ao7>

[04242006]

=====

INTERNATIONAL SPACE STATION (ISS) - ARISS

Catalog number: 25544

Launch date: November 20, 1998

Status: Operational

Current Mode: TESTING OF SSTV

Digipeater: OFF

The current crew is:

Commander: Pavel Vinogradov - RV3BS

Flight Engineer: Jeff Williams - KD5TVQ

Crew: Thomas Reiter - DF4TR

Digital/APRS:

Worldwide packet uplink: 145.990 MHz FM

Worldwide packet downlink: 145.800 Mhz FM

Voice:

Region 1 voice uplink: 145.200 MHz FM

Region 2/3 voice uplink: 144.490 MHz FM

Worldwide downlink: 145.800 MHz FM

SSTV TESTING:

Worldwide Reported Downlink: 144.490 MHz FM

145.800 MHz FM

Crossband Repeater:

Repeater Uplink: 437.800 MHz FM

Repeater Downlink: 145.800 MHz FM

Mode and Antenna Polarization:

V: Linear

U: Linear

Callsigns:

German: DP0ISS

Russian: RS0ISS, RZ3DZR

USA: NA1SS

Packet Mailbox: RS0ISS-11

Packet Keyboard: RS0ISS-3

Digipeater callsign: ARISS

Official Webpage: <http://www.rac.ca/ariss>

Official Fan club Webpage: <http://www.issfanclub.com>

APRS tracking page: <http://www.ariss.net/>

Currently, the crew is in the process of testing the SSTV equipment so ANY

activity may not be what will be heard on the next pass right now. IT

ALL

DEPENDS ON THE TIME AVAILABLE TO THE CREW TO DO MORE IMPORTANT ITEMS.

PLEASE

MAINTAIN READING THE AMSAT-BB AND ANS SERVICES FOR MORE CURRENT INFO.

ISS Daily Crew Schedule: <http://spaceflight.nasa.gov/station/timelines/>

Remember that the crew operates on UTC time. Also, all of the time line
is
NOT translated from Russian and posted.
[08142006]
NNNN
/EX

SB SAT @ AMSAT W8ISS \$ANS-240.S2
WSR 240 Part 2 08/28/2006

AMSAT NEWS SERVICE BULLETIN 240.S2 FROM AMSAT HQ
SILVER SPRING, MD, August 28, 2006
TO ALL RADIO AMATEURS
BID: \$ANS-240.S2

C0-58 XI-V
Catalog Number: 28895
Launch Date: October 27, 2005

Status: Operational only within range of Ground station in Japan

Telemetry Downlink: 437.345MHz - FSK 1200bps using AFK protocol
Beacon Downlink: 437.465MHz - CW about 50 WPM

Callsign: JQ1YGW

Official Webpage: <http://www.space.t.u-tokyo.ac.jp/gs/satinfo-e.html#xi5>
Pictures received by Mineo Wakita - JE9PEL:
<http://www.ne.jp/asahi/hamradio/je9pel/>
[03122006]

=====
C0-55 CUTE-1.7
Catalog number: 28941
Launched: June 30, 2003

Status: Operational

Uplink: ?
Downlink: 437.3850 CW
 437.4700 1200 FM ax25 or SRLL (ACTIVE only near Japan ?)
Information webpage:
<http://lss.mes.titech.ac.jp/ssp/spacerium/cutelblog/>
[05012006]

=====
A0-51 ECHO
Catalog number: 28375
Launch date: June 29, 2004

Status: Testing
Current Mode(s): FM Repeater - ON
 PBBS - OFF
 Digipeater - OFF

Analog voice downlink: 435.300 MHz FM
 435.150 MHz FM
 2401.200 Mhz FM

Analog voice uplink: 145.880 MHz FM
 145.880 MHz USB
 145.920 MHz FM 67Hz PL tone
 1268.700 MHz FM 67Hz PL tone

Digital Downlinks: 435.150 MHz FM, 38k4 Digital, PBP, 1 watt output
 2401.200 MHz FM 38k4 bps, AX.25
Digital Uplink: 145.860 MHz FM, 9k6 Digital, Pacsat Broadcast
Protocol

1268.700 mhz FM, 9k6 PBP Digital

Mode and Antenna Polarization:

T: Linear

V: Linear

U: TX A (usually digital) LHCP

TX B (usually analog) RHCP

L: Linear

S: Linear

Broadcast: PECH0-11

BBS: PECH0-12

Mode schedule for July 2006 according to the A0-51 command team:

August 14 to August 27 (Additional testing as above possible August 21 to 27)

FM Repeater

Downlink 435.300 mHz FM

Uplink 145.920 mHz FM with 67 hz Tone

August 28 to September 3

FM Repeater, V/S

Uplink: 145.920 mhz FM, No PL Tone

Downlink 2401.200 mhz FM

September modes are anticipated to include high power V/U repeater, L/S re-peater, and high power V/U 38.4 kbaud!

Official Webpage: [http://www.amsat.org/amsat-new/echo/\[08142006\]](http://www.amsat.org/amsat-new/echo/[08142006])

=====

N0-44 PCSAT

Catalog number: 26931

Launch Date: September 30, 2001

Status: Operational

General Usage Uplink/Downlink: 145.827 MHz 1200 Baud

Special Usage Downlink: 144.390 Mhz 1200 Baud

PCSAT APRS page: <http://pcsat.aprs.org>

aprstlm Telemetry Decoder program:

<http://www.xciv.org/~iain/aprstlm/v1.2/>

[04172006]

=====

G0-32 TECHSAT-1B

Catalog number: 25397

Launch Date: July 10, 1998

Status: Operational

Downlink: 435.225 MHz FM (9600-baud FSK)

435.325 Mhz - Not Available - temperature problems

Uplinks: 145.850 FM

145.890 FM

145.930 FM

1269.700 FM

1269.800 FM

1269.900 FM

Broadcast Callsign: 4XTECH-11

BBS Callsign: 4XTECH-12

More information of G0-32 can be found at:
<http://www.iarc.org/techsat/techsat.html>
[08072006]

=====

RS-22 Mozhayets 4
Catalog Number: 27939
Launch Date: September 27, 2004

Status: Operational

Beacon: 435.3520 MHz CW

=====

A0-16 PACSAT
Catalog number: 20439
Launch Date: January 22, 1990

Status: Semi-operational, the digipeater command is on and open for APRS users.

Uplink: 145.900 FM
 145.920 FM
 145.940 FM
 145.960 FM
(using 1200-baud Manchester FSK)
Downlink: 437.026 MHz SSB (1200-baud PSK)
Mode-S Beacon: 2401.1428 MHz

Mode and Antenna Polarization:

U: RC 437.050 MHz RHCP
 PSK 437.025 MHz LHCP
V: Linear

Broadcast Callsign: PACSAT-11
BBS: PACSAT-12

A0-16 AMSAT Webpage: <http://www.amsat.org/amsat/sats/n7hpr/ao16.html>
[04172006]

=====

U0-11 OSCAR-11
Catalog number: 14781
Launched: March 1, 1984

Status: Semi-operational

Telemetry Downlink: 145.826 MHz. FM (1200-baud AFSK).
approx. 10 days ON, 10 days OFF
Mode-S Beacon: 2401.500 MHz. ... OFF
UHFBacon: 435.025 MHz. ... OFF

Mode and Antenna Polarization:

V: RHCP
S: LHCP

Reception reports are requested to be sent to xxxxx@amsat.org (replace
xxxxx
by g3cww), or post to AMSAT-BB.

During the period 15 June to 17 July 2006 nothing has been heard from the satellite. It was last heard on 05 May, just one day before the solar eclipses were due to start. These eclipses will continue until 04 August 2006, reaching a maximum duration of 22% around 19 June. If the

satellite
behaves in the same way as it did last year, regular 10 day
transmissions
should re-start, sometime in August.

Official webpage: [http://www.users.zetnet.co.uk/clivew/](http://www.users.zetnet.co.uk/clivew/MPEG3)
MPEG3 files: <http://www.ne.jp/asahi/hamradio/je9pel/u011tlme.htm>
[07172006]

=====

PCSAT-2

Catalog Number: 25544
Launch Date: August 1, 2005

Activated: August 3, 2005
Status: Operational
Current Mode: Voice Response to Packet Digis
CW/PSK Repeater

Voice Digital Uplink: 145.990 MHz
Voice response Downlink: 437.975 MHz

Digital Downlink: 435.275 Mhz
Digital Uplink: 145.825 Mhz
ISS digipeater uplink: 145.990 Mhz

PSK-31 Downlink: 435.275 Mhz
PSK-31 Uplink: 29.401 Mhz

CALLSIGN: pcsat2

Official Webpage: <http://web.usna.navy.mil/~bruninga/pcsat2.html>
PCSAT2 APRS Packet page: <http://www.findu.com/cgi-bin/pcsat2.cgi>
aprstlm Telemetry Decoder program:
<http://www.xciv.org/~iain/aprstlm/v1.2/>
[08282006]

=====

INTERNATIONAL SPACE STATION (ISS) - ARISS

Catalog number: 25544
Launch date: November 20, 1998

Status: Operational
Current Mode: TESTING OF SSTV
Digipeater: OFF

The current crew is:

Commander:	Pavel Vinogradov - RV3BS
Flight Engineer:	Jeff Williams - KD5TVQ
Crew:	Thomas Reiter - DF4TR

Digital/APRS:

Worldwide packet uplink: 145.990 MHz FM
Worldwide packet downlink: 145.800 Mhz FM

Voice:

Region 1 voice uplink: 145.200 MHz FM
Region 2/3 voice uplink: 144.490 MHz FM
Worldwide downlink: 145.800 MHz FM

SSTV TESTING:

Worldwide Reported Downlink: 144.490 MHz FM
145.800 MHz FM

Crossband Repeater:

Repeater Uplink: 437.800 MHz FM

Repeater Downlink: 145.800 MHz FM

Mode and Antenna Polarization:

V: Linear

U: Linear

Callsigns:

German: DP0ISS

Russian: RS0ISS, RZ3DZR

USA: NA1SS

Packet Mailbox: RS0ISS-11

Packet Keyboard: RS0ISS-3

Digipeater callsign: ARISS

Official Webpage: <http://www.rac.ca/ariss>

Official Fan club Webpage: <http://www.issfanclub.com>

APRS tracking page: <http://www.ariss.net/>

Currently, the crew is in the process of testing the SSTV equipment so ANY

activity may not be what will be heard on the next pass right now. IT ALL

DEPENDS ON THE TIME AVAILABLE TO THE CREW TO DO MORE IMPORTANT ITEMS.

PLEASE

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ISS Daily Crew Schedule: <http://spaceflight.nasa.gov/station/timelines/>

Remember that the crew operates on UTC time. Also, all of the time line is

NOT translated from Russian and posted.

[08142006]

NNNN

/EX

SB SAT @ AMSAT W8ISS \$ANS-240.S3

WSR 240 Part 3 08/28/2006

AMSAT NEWS SERVICE BULLETIN 240.S3 FROM AMSAT HQ

SILVER SPRING, MD, August 28, 2006

TO ALL RADIO AMATEURS

BID: \$ANS-240.S3

THE FOLLOWING ARE IN ORBIT BUT ARE NON-OPERATIONAL AT THIS TIME:

A0-54 SUITSAT

Catalog Number:28933

Release Date: February 3,2006

Status: Non-operational

Modes : FM Voice Telemetry/Greetings

FM SSTV

Callsign: RS0RS

Downlink: 145.990 FM

Currently on the amsat-bb, there is a geussing game going on about when Suitsat will re-enter the atmosphere.

Official webpage: <http://www.suitsat.org>

[05012006]

=====

NCUBE-2

Catalog Number: 28897

Launch Date: October 27, 2005

Status: Still attached to X0-53 (SSETI)?

Proposed Callsign: TBA
Proposed Transmit Frequency: 437.305
2407.250

Official Website: <http://www.ncube.no>
[05012006]

=====

X0-53 SSETI
Catalog Number: 28894
Launch Date: October 27, 2005

Status: Non-operational

Voice Uplink: 437.250 FM 67Hz CTCSS
Voice Downlink: 2401.835 FM
Packet Up/Downlink: 437.250 9k6 packet
Packet Downlink 2401.835 38k4 packet

Official webpage: <http://sseti.gte.tuwien.ac.at/WSW4/>
Latest news: <http://sseti.gte.tuwien.ac.at/WSW4/MOPWS/news.php>
[01292006]

=====

T0-31 TMSAT-1
Catalog Number: 25396
Launch Date: July 10, 1998

Status: Non-operational

Uplink: 145.925 MHz 9600 baud FSK
Downlink: 436.925 MHz 9600 baud FSK

Broadcast callsign: TMSAT1-11
BBS: TMSAT1-12
[05012006]

=====

P0-28 POSAT-1
Catalog Number: 22829
Launch Date: September 25, 1993

Status: Operational - Not open for Amateur use

Downlink: 429.950

Uplink: Not until handover back to Amateur usage

Broadcast callsign: POSAT1-11
BBS callsign: POSAT1-12

AMSAT Webpage: <http://www.amsat.org/amsat/sats/n7hpr/po28.html>.
POSAT-1 webpage:
<http://www.ee.surrey.ac.uk/SSC/CSER/U0SAT/missions/posat1.html>
[01012006]

=====

A0-10 OSCAR 10
Catalog number: 14129
Launched: June 16, 1983

Status: Non-operational

Uplink: 435.030 to 435.180 MHz CW/LSB
Downlink: 145.975 to 145.825 MHz CW/USB

Beacon: 145.810 MHz (unmodulated carrier)

W4SM has more information about the satellite at the following URL:

<http://www.cstone.net/~w4sm/A0-10.html>
[05092004]

=====

IO-26 ITAMSAT

Catalog number: 22826

Launch Date: September 26, 1993

Status: Downlink only

Uplink: 145.875 145.900 145.925 145.950 MHz FM (1200-baud)

Downlink: 435.808 MHz PSK

Broadcast Callsign: ITMSAT-11

BBS: ITMSAT-12

Official webpage: <http://www.itamsat.org>

AMSAT Webpage: <http://www.amsat.org/amsat/sats/n7hpr/io26.html>
[01012006]

=====

RS-12 RADIO SPORT RS-12

Catalog number: 21089

Launched: February 5, 1991

Status: Non-operational

Uplink: 21.210 to 21.250 MHz CW/USB

Downlink: 29.410 to 29.450 MHz CW/USB

Beacon: 29.408 MHz

Robot: 29.454 MHz

[05232004]

=====

RS-13 RADIO SPORT RS-13

Catalog number: 21089

Launched: February 5, 1991

Status: Non-operational

Uplink: 21.260 to 21.300 MHz CW/USB

Downlink: 145.860 to 145.900 MHz CW/USB

Beacon: 145.860 MHz

Robot: 145.908 MHz

[05232004]

=====

U0-14 UoSAT-3

Catalog number: 20437

Launched: January 22, 1990

Status: Non-operational

Uplink 145.975 MHz FM

Downlink 435.070 MHz FM

[05092004]

=====

U0-22 UOSAT

Catalog number: 21575

Launched: July 17, 1991

Status: Non-Operational

Uplink: 145.900 FM 9600-baud FSK

Downlink: 435.120 MHz FM

Broadcast Callsign: UOSAT5-11

BBS: U0SAT5-12

[01092005]

=====

RS-15 RADIO SPORT RS-15

Catalog number: 23439

Launch Date: December 26, 1994

Status: Non-operational?

Uplink: 145.858 to 145.898 MHz CW/USB

Downlink: 29.354 to 29.394 MHz CW/USB

Beacon: 29.352 MHz (intermittent)

SSB meeting frequency: 29.380 MHz (unofficial)

[06202004]

=====

LO-19 LUSAT

Catalog number: 20442

Launched: January 22, 1990

Status: CW Beacon only

Uplink: 145.84 145.86 145.88 145.90 MHz FM

(using 1200-baud Manchester FSK)

CW downlink: 437.125 MHz

Digital downlink: 437.150 MHz SSB (RC-BPSK 1200-baud PSK)

Broadcast Callsign: LUSAT-11

BBS: LUSAT-12o

General information and telemetry samples can be found at:

www.telecable.es/personales/ea1bcu

[05232004]

=====

F0-20 JAS-1b

Catalog number: 20480

Launch Date: February 07, 1990

Status: Non-Operational

Uplink: 145.90 to 146.00 MHz CW/LSB

Downlink: 435.80 to 435.90 MHz CW/USB

Beacon: 435.795

More F0-20 info can be found at:

<http://www.amsat.org/amsat/sats/n7hpr/fo20.html>

[08152004]

=====

K0-23 KITSAT

Catalog number: 22077

Launched: August 10, 1992

Status: Non-operational

Uplink: 145.900 MHz FM (9600-baud FSK)

Downlink: 435.170 MHz FM

Broadcast Callsign: HL01-11

BBS: HL01-12

Jim, AA7KC, reports that K0-23's downlink transmitter continues in a non-operational status.

[05092004]

=====

K0-25 KITSAT

Catalog number: 22828

Launched: September 26, 1993

Status: Non-operational

Uplink: 145.980 MHz FM (9600-baud FSK)

Downlink: 436.500 MHz FM

Broadcast Callsign: HL02-11

BBS: HL02-12

[05092004]

=====

P0-34 PANSAT

Catalog number: 25520

Launched: October 30, 1998

Status: Telemetry downloads only

Uplink/downlink: 436.500 MHz

Official Webpage: <http://www.sp.nps.navy.mil/pansat/>

[05092004]

=====

S0-33 SEDSAT-1

Catalog number: 25509

Launched: October 24, 1998

Status: Semi-operational

Downlink: 437.910 MHz FM (9600-baud FSK)

The satellite is not currently available for uplink transmissions and the image and transponder recovery efforts have been unsuccessful.

For more information on SedSat-1 visit the satellite web site:

<http://seds.uah.edu/projects/sedsat/sedsat.htm>

[ANS-WSR has no further information]

[05232004]

=====

S0-35 SUNSAT

Catalog Number: ?

Launched: February 23, 1999

Status: Non-Operational

Downlink: Mode B Repeater: 436.291 MHz

Mode J Digipeater: 436.250 MHz

Uplinks: Mode B Repeater: 145.825 MHz

Mode J Digipeater: 145.825 MHz and 145.900 MHz

For more information of SUNSAT visit the satellite web site:

<http://esl.ee.sun.ac.za/projects/sunsat/>

[08082004]

=====

U0-36 UoSAT-12

Catalog number: 25693

Launched: April 21, 1999

Status: Unknown

Uplink: 145.960 MHz (9600-baud FSK)

Downlink: 437.025 MHz 437.400 MHz

Broadcast Callsign: U0121-11

BBS: U0121-12

The VK5HI viewer shareware for U0-36 is available on the AMSAT-NA web site at the following URL:
<ftp://ftp.amsat.org/amsat/software/win32/display/ccddsp97-119.zip>
[05092004]

=====

A0-40 AMSAT OSCAR 40
Catalog number: 26609
Launch Date: November 16, 2000

Status: Non-Operational

Uplink V-band 145.840 - 145.990 MHz CW/LSB
U-band 435.550 - 435.800 MHz CW/LSB
L1-band 1269.250 - 1269.500 MHz CW/LSB
L2-band 1268.325 - 1268.575 MHz CW/LSB
Downlink: S2-band 2401.225 - 2401.475 MHz CW/USB
K-band 24,048.010 - 24,048.060 MHz CW/USB
Beacon: 2401.323
24,048.035

[05232004]

=====

S0-42 SAUDISAT-1B
Catalog number: 26549
Launched: September 26, 2000

Status: Non-Operational
Downlink: 437.075 MHz
Broadcast Callsign: SASAT2-11
BBS: SASAT2-12

Further information is available at:
<http://www.amsat.org/amsat/sats/n7hpr/so42.html>
[08152004]

=====

S0-41 SAUDISAT-1A
Catalog number: 26545
Launch Date: September 26, 2000

Status: Non-Operational

Uplink: 145.850 MHz
Downlink: 436.775 MHz
Broadcast Callsign: SASAT1-11
BBS: SASAT1-12

Further information is available at:
<http://www.amsat.org/amsat/sats/n7hpr/so41.html>
[08152004]

=====

N0-45 SAPPHIRE
Catalog number: 26932
Launch Date: September 30, 2001

Status: Non-Operational

Downlink: 437.095 MHz 1200 baud AX-25 AFSK
Uplink: 145.945 MHz UI Digipeater
Digi Callsign: KE6QMD

Everyone is welcome to use the digipeating/APRS features of Sapphire, call-sign KE6QMD, as per the user service agreement located at the following URL:

<http://web.usna.navy.mil/~bruninga/pcsat/contract.txt>
[03132005]

=====

M0-46 TIUNGSAT-1
Catalog number: 26548
Launched: September 26, 2000

Status: Operational

Uplink: 145.850 or 145.925 MHz 9600-baud FSK
Downlink: 437.325 MHz
Broadcast callsign: MYSAT3-11
BBS: MYSAT3-12

TiungSat-1 is Malaysia's first micro-satellite and in addition to commercial land and weather imaging payloads offers FM and FSK Amateur Radio communication.

TiungSat-1, named after the mynah bird of Malaysia, was developed as a collaborative effort between the Malaysian government and Surrey Satellite Technology Ltd.
[11202005]

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A0-49 AATiS OSCAR-49 (SAFIR-M)
Catalog number: 27605
Launch Date: December 20, 2002

Status: Non-operational.

Uplink 435.275 1200-baud AFSK
Downlink 145.825 9600-baud FSK
(optional voice message)
Broadcast callsign: DP0AIS

Official webpage: <http://amend.gmxhome.de>
[01012006]

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D0-17 Dove
Catalog Number: 20440
Launch Date: January 22, 1990

Status: Non-operational.

Downlink: Downlink 145.825 MHz FM 1200 Baud AFSK
Beacon: 2401.220 MHz
[05012006]

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W0-18 WEBERSAT
Catalog Number: 20441
Launch Date: January 22, 1990

Status: Non-Operational

Downlink: 437.104 MHz SSB 1200 Baud PSK AX.25
[05012006]
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/EX

SB SAT @ AMSAT W8ISS \$ANS-240.S4
WSR 240 Part 4 08/28/2006

AMSAT NEWS SERVICE BULLETIN 240.S4 FROM AMSAT HQ
SILVER SPRING, MD, August 28, 2006
TO ALL RADIO AMATEURS
BID: \$ANS-240.S4

THE FOLLOWING SATELLITES ARE NOT IN ORBIT BUT ARE
PROPOSED FOR LAUNCH AT THIS TIME:

PHASE 3E ?0-??
Catalog Number:
Proposed Launch Date: Early/Mid 2007

Status: Under Construction

For the latest project status update please visit the AMSAT-DL P3-E web
page:

<http://www.amsat-dl.org/p3e/>
[ANS-WSR wishes to thank William Leijenaar, PE1RAH for this week's
report]
[04242006]
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ANS is released worldwide via the AMSAT ANS e-mail reflector and a live
radiocast on the AMSAT-NA 20-meter net held each Sunday on 14.282 MHz.
Pre-net operations start at 18:00 UTC, with current ANS bulletins trans-
mitted to the eastern U.S. at 19:00 UTC and to the western U.S. at 19:30
UTC.

Information on AMSAT-NA is available at the following URL:
<http://www.amsat.org>

AMSAT-NA
850 Sligo Avenue, Suite 600
Silver Spring, Maryland 20910-4703

Voice: 301-589-6062
888-322-6728
FAX: 301-608-3410

Currently, AMSAT-NA supports the following (free) mailing lists:

- * AMSAT News Service (ANS)
- * General satellite discussion (AMSAT-BB)
- * Orbit data (KEPS)
- * Manned space missions (SAREX)
- * District of Columbia area (AMSAT-DC)
- * New England area (AMSAT-NE)
- * AMSAT Educational Liaison mailing list (AMSAT-EDU)
- * AMSAT K-12 Educational Liaison mailing list (AMSAT-K12)

A daily digest version is available for each list.

To subscribe, or for more list information, visit the following URL:
<http://www.amsat.org/amsat/listserv/menu.html>

In addition to regular membership, AMSAT-NA offers membership in the
President's Club. Members of the President's Club, as sustaining donors
to AMSAT Project Funds, will be eligible to receive additional benefits.
Application forms are available from the AMSAT-NA Office.

This week's Weekly Satellite Report Editor is James French, W8ISS.

ANS is always dedicated to past ANS editor 'BJ' Arts, WT0N, and to the

memory of longtime AMSAT supporters Werner Haas, DJ5KQ, Dennis Kitchen, G0FCL and John Branegan GM4IHJ.

Please send any amateur satellite news or reports to:
ans-editor{at}amsat.org

NNNN
/EX